Homa 奥马

# Service manual

Model DL1-12 (PL120WD)

Catalog


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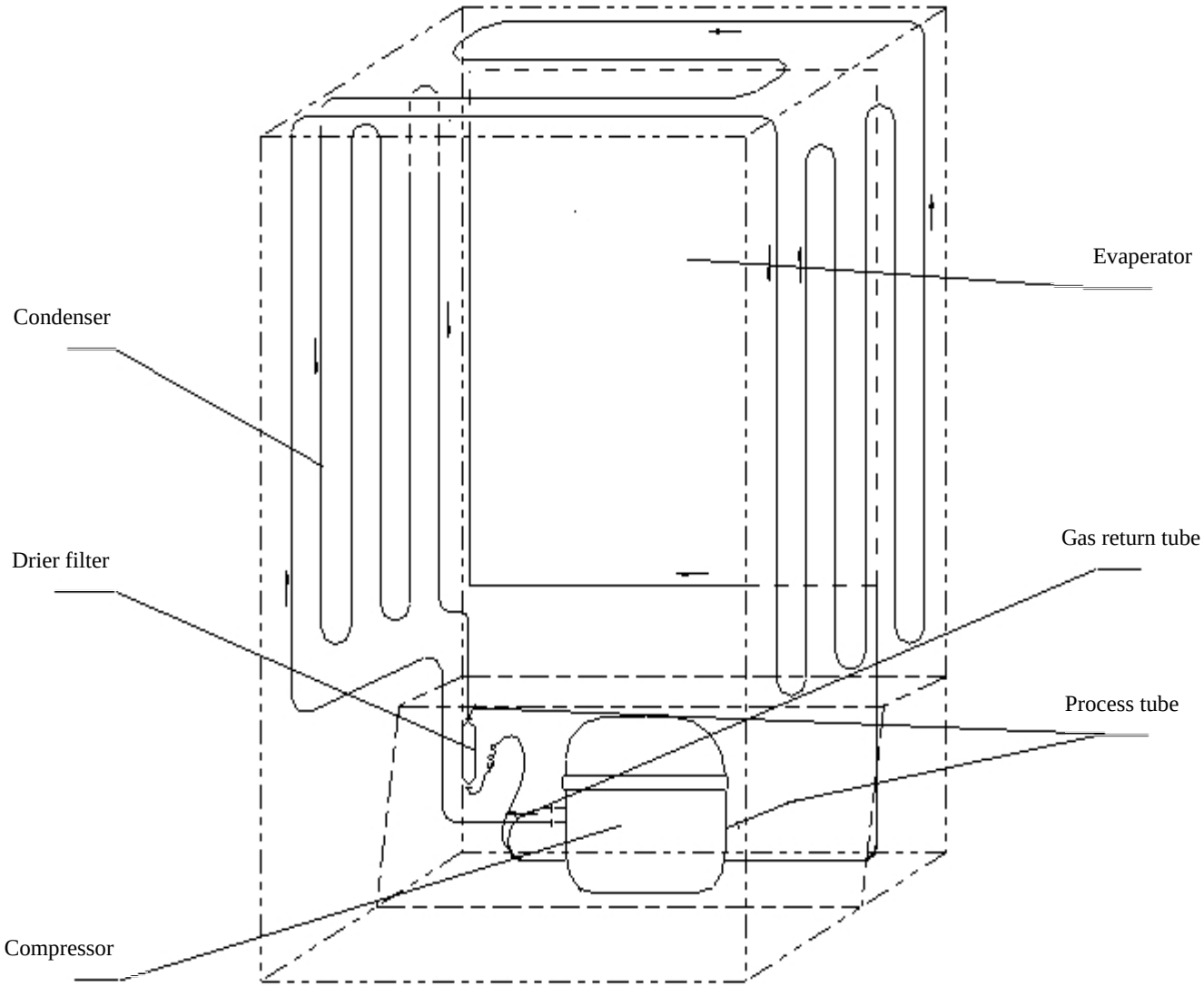
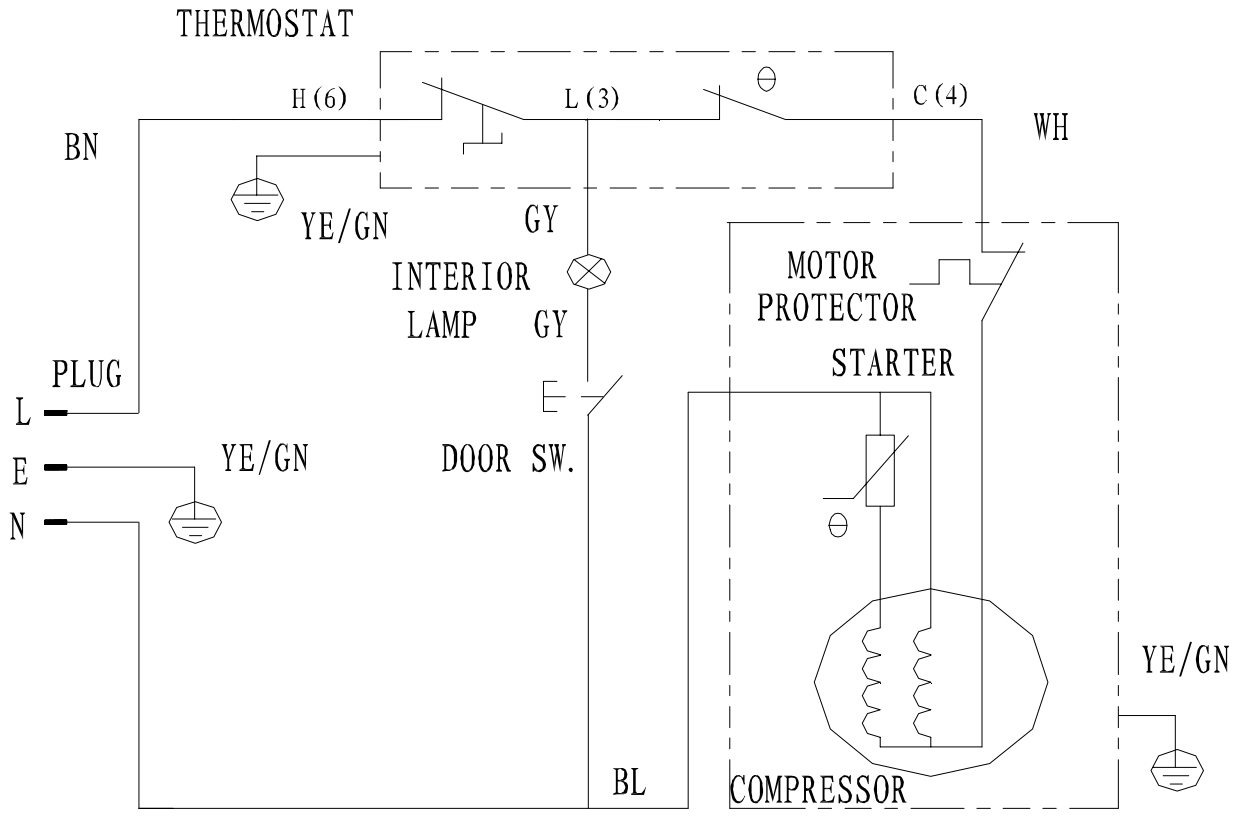
# The cooling system



## The circuit diagram



**Trouble shooting guide**

| No | Problem | Possible Cause | What To Do |
|---|---|---|---|
| 1 | The refrigerator does not get cold at all. | Not plugged in. | Plug in |
| | | Is the circuit breaker tripped or blown fuse? | Put on the home circuit breaker or change the new fuse. |
| | | Is the refrigerator temperature control setted at “off”? | Set the temperature control knob at "4". |
| 2 | The refrigerator does not get cold enough. | Is the refrigerator control dialed set to correct location? | Set it to a colder temperature. |
| | | Is the refrigerator placed in direct sunlight or closely a heat source? | Move the refrigerator to proper location. |
| | | Is the door closed completely | Close the door completely. |
| | | Is the door opened too frequently or too long | Open the door less often, |
| | | Does the door gasket seal properly? | Make the gasket sealing properly. |
| | | Is the refrigerator overloaded? | Load less food into it. |
| 3 | The food in the refrigerator is frozen | Is the refrigerator control dialed set to correct location? | Set it to a warmer temperature. |
| | | Is the ambient temperature too low? | |
| 4 | Two sides of the cabinet are hot: condensation occurs. | Hot-pipe is installed in two sides of refrigerator.That makes refrigerator's temperture lowquckly and save the power consumption | Normal state. |
| | | Condensation can occur when you leave the door open for a long time. | Normal state. |
| 5 | Vibrations | The refrigerator is not level and firm. | Place the refrigerator in a level location. |
| 6 | The refrigerator is noisy. | Water bubbling comes from the refrigerant circulating of the refrigerator. | Normal state. |
| | | Contraction and expansion of the insulation inside the walls may cause popping and cracking. | Normal state. |
| | | Is the refrigerator unstable or touching the wall? | Keep the refrigerator leaving the wall. |
| | | Is the refrigerator not level? | Adjust the refrigerator leveling. |
| 7 | The door can not close properly. | Were the doors not properly installed? | Assure the doors installed propertly. |
| | | Is the door gasket dirty and distortion? | Cleaning and flatting the door gasket. |
| 8 | The lamp does not work. | Has the home circuit breaker or fuse tripped? | Put on the home circuit breaker or change the new fuse. |
| | | Is the refrigerator's door close completely? | Assure the door close completely. |
| 9 | Operating for all long time. | Is the ambient temperature too high? | |
| | | Is the temperature controller in freezer chamber or in refrigerator chamber is set at “strong” position | Sets it at a right position. |
| | | Too much food is loaded into the refrigerator and insufficient spaces for airflow. | Load less food into the refrigerator. |
| | | The door were not closed completely or the gasket not sealing enough. | Close the doors completely or make the gasket sealing enough. |
| | | Open the door too frequently. | Decrease the open-door times. |